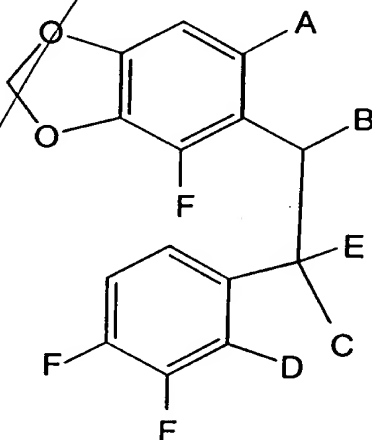


WHAT IS CLAIMED IS:

1. A pharmaceutical composition comprising a compound of the formula



wherein: A is

- (i) $(CH_2)_N - C(O)O - C_{1-6}$ alkyl; and W is C_{1-6} alkyl; or
- (ii) $(CH_2)_2 - N -$ and forms a six membered ring

with B, said ring containing one nitrogen;

Y is

- (a) C_{1-6} alkyl, or H;
- (b) $C(O) - C_{1-6}$ alkyl;
- (c) $CH_2CH - CH_2 - Z$, wherein Z is C_{1-6} alkyl or $O - C_{1-6}$ alkyl;

OH

- (d) aryl; or
(e) heterocycle;

B is a single bond, OH or halo;

C is -OH, -CH₂- or forms a 5-membered lactone or lactam ring with D; and

D is:

- (i) -OH, -CH₂-halo, -CH(O)-, -COOH, -C(O)-O-C₁₋₆ alkyl, -(CH₂)_n-,
-CHOH-, wherein n is an integer and is 1, 2, or 3; or

- (ii) forms a 5-membered lactone or lactam ring with C;

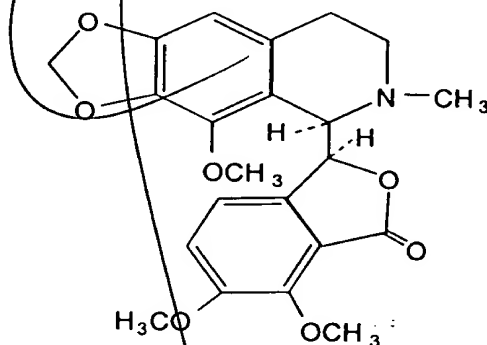
E is -H or -CH₃; and

F is -OH,

or pharmaceutically acceptable salts thereof, ~~and a pharmaceutically acceptable~~

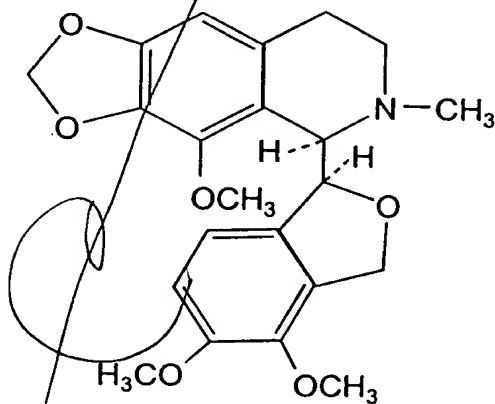
~~carrier, said composition useful in the treatment of neoplastic diseases,~~

with the proviso that the formula excludes noscapine of the structure



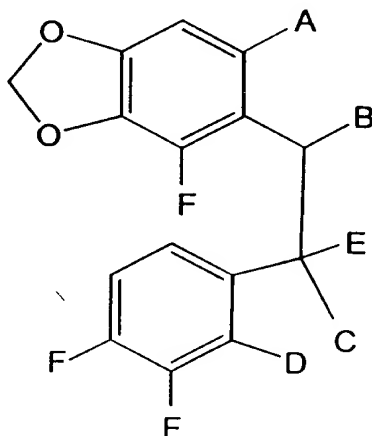
29
Compound

2. A pharmaceutical composition comprising a compound of the formula:



or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable carrier, said composition useful in the treatment of neoplastic diseases.

3. A method for the treatment of neoplastic diseases, comprising administering to a mammal in need of such treatment an effective amount of a composition comprising a compound of the formula



wherein: A is

(i) $\left[\begin{array}{c} \text{(CH}_2\text{)}_n\text{-N-C(O)O-C}_{1-6}\text{ alkyl;} \\ \text{W} \end{array} \right]$ and W is C_{1-6} alkyl; or

(ii) $\left[\begin{array}{c} \text{(CH}_2\text{)}_2\text{-N-} \\ \text{Y} \end{array} \right]$ and forms a six membered ring

with B, said ring containing one nitrogen;

Y is

(a) C_{1-6} alkyl, or H;

(b) C(O)-C_{1-6} alkyl;

(c) $\left[\begin{array}{c} \text{CH}_2\text{CH-CH}_2\text{-Z, wherein Z is } \text{C}_{1-6}\text{ alkyl or O-C}_{1-6}\text{ alkyl;} \\ \text{OH} \end{array} \right]$

(d) aryl; or

(e) heterocycle;

B is a single bond, OH or halo;

C is -OH, $-\text{CH}_2-$ or forms a 5-membered lactone or lactam ring with D; and

D is:

(i) -OH, $-\text{CH}_2\text{-halo}$, $-\text{CH(O)-}$, $-\text{COOH}$, $-\text{C(O)-O-C}_{1-6}$ alkyl, $-(\text{CH}_2)_n-$, $-\text{CHOH-}$, wherein n is an integer and is 1, 2, or 3; or

(ii) forms a 5-membered lactone or lactam ring with C;

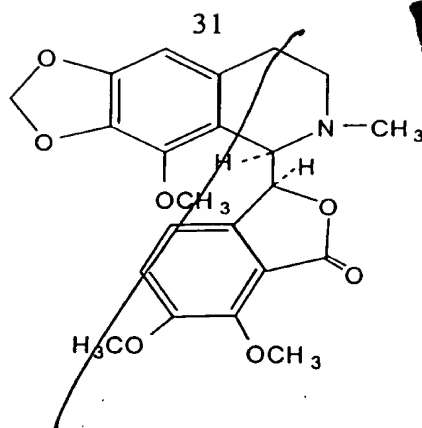
E is -H or $-\text{CH}_3$; and

F is -OH or $-\text{OCH}_3$,

or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable

carrier, said composition useful in the treatment of neoplastic ^{diseases.} ~~diseases,~~

~~with the proviso that the formula excludes nescapine of the structure~~

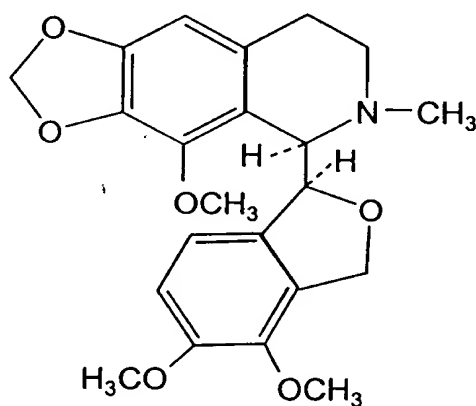


c

2

4.

A method for the treatment of neoplastic diseases,
comprising administering to a mammal in need of such treatment an effective
amount of a composition comprising a compound of the formula



70310

or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable
carrier, said composition useful in the treatment of neoplastic diseases.

add
AI